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PTO/SB/21 (08-00)

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/815,813	
	<b>Filing Date</b>	April 2, 2004	
	<b>First Named Inventor</b>	Koichiro TANAKA et al.	
	<b>Group Art Unit</b>	2814	
	<b>Examiner Name</b>	A. Chambliss	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	0756-7283

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosures 1. 2. 3. 4. 5. 6.
<b>Remarks</b>		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

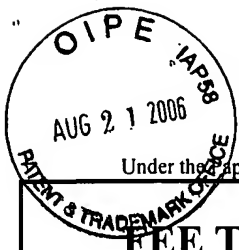
Firm or Individual name	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
Signature	
Date	August 17, 2006

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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**FEE TRANSMITTAL  
FOR FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$180.00)

## Complete if Known

Application Number	10/815,813
Filing Date	April 2, 2004
First Named Inventor	Koichiro TANAKA et al.
Examiner Name	A. Chambliss
Group Art Unit	2814
Attorney Docket No.	0756-7283

## METHOD OF PAYMENT

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

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50-2280

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Law Office

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- Charge Any Additional Fee Required
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- Under 37 CFR 1.16 and 1.17 and
- 
- credit overpayments

☐ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money  
Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
1001	300	2001	150	Utility filing fee	
1111	500	2111	250	Search fee	
1311	200	2311	100	Examination fee	
Over 100 Sheets/250 for each additional 50					

SUBTOTAL (1) (\$)

## 2. EXTRA CLAIM FEES

Total Claims		-20** =		X	\$50	=	
Independent Claims		-3** =		X	\$200	=	
Multiple Dependent						=	

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
1202	50	2202	25	Claims in excess of 20	
1201	200	2201	100	Independent claims in excess of 3	
1203	360	2203	180	Multiple dependent claim, if not paid	
1204	200	2204	100	** Reissue independent claims over original patent	
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250-	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1100	2503	550	Plant issue fee	
1462	400	1462	400	Petitions, Group I	
1463	200	1463	200	Petition, Group II	
1464	130	1464	130	Petitions, Group III	
1807	50	1807	50	Processing fee under 37 CR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	\$180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.00)

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*Adel M Stampy*

## SUBMITTED BY

Name (Print/Type) Eric J. Robinson

Signature

Registration No.  
(Attorney/Agent)

38,285

## Complete (if applicable)

Telephone (571) 434-6789

Date August 17, 2006



Attorney Docket No. 0756-7283

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Koichiro TANAKA et al.

Serial No. 10/815,813

Filed: April 2, 2004

For: LASER IRRADIATION METHOD,  
LASER IRRADIATION APPARATUS  
AND METHOD FOR  
MANUFACTURING  
SEMICONDUCTOR DEVICE

) Group Art Unit: 2814

) Examiner: A. Chambliss

) CERTIFICATE OF MAILING

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Adrian M. Stamps

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

The Examiner's attention is directed to JP 2001-044120 which appears to disclose a first pulsed laser and second pulsed laser, and a pulse width of the first pulsed laser beam and a pulse width of the second pulse laser beam are different from


each other. However, Ogawa does not disclose that the second pulse laser beam is a fundamental wave. Applicant is now preparing a full English translation of Ogawa and will submit it upon completion.

A check in the amount of \$180.00 is enclosed.

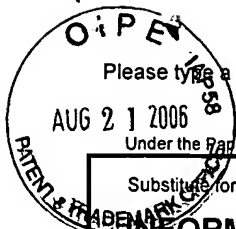
The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280.

A duplicate copy of this sheet is attached.

Respectfully submitted,

  
Eric J. Robinson  
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789



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AUG 21 2006

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/815,813
		Filing Date	April 2, 2004
		First Named Inventor	Koichiro TANAKA et al.
		Group Art Unit	2814
Examiner Name	A. Chambliss		
Attorney Docket Number	0756-7283		
Sheet	1	of	2

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		2001/0052950		Yamazaki et al.	12/20/2001	
		2002/0004292		Yamazaki et al.	01/10/2002	
		2002/0048864		Yamazaki et al.	04/25/2002	
		2002/0094008		Tanaka	07/18/2002	
		2002/0146874		Kawasaki et al.	10/10/2002	
		2002/0151115		Nakajima et al.	10/17/2002	
		2003/0003636		Grigoropoulos et al.	01/02/2003	
		2003/0022471		Taketomi et al.	01/30/2003	
		2003/0112322		Tanaka	06/19/2003	
		2003/0136772		Yamazaki et al.	07/24/2003	
		2003/0148565		Yamanaka	08/07/2003	
		2004/0040938		Yamazaki et al.	03/04/2004	
		2004/0069751		Yamazaki et al.	04/15/2004	
		2004/0119955		Tanaka	06/24/2004	
		2004/0169023		Tanaka	09/02/2004	
		2004/0171237		Tanaka et al.	09/02/2004	
		2004/0253838		Yamazaki et al.	12/16/2004	
		2004/0259387		Yamazaki et al.	12/23/2004	
		2005/0067384		Talwar et al.	03/31/2005	
		2005/0181550		Tanaka	08/18/2005	
		2006/0019474		Inui et al.	01/26/2006	
		5,304,357		Sato et al.	04/19/1994	
		5,543,352		Ohtani et al.	08/06/1996	
		5,612,250		Ohtani et al.	03/18/1997	
		5,612,251		Lee	03/18/1997	
		5,643,826		Ohtani et al.	07/01/1997	
		5,767,003		Noguchi	06/16/1998	
		5,953,597		Kusumoto et al.	09/14/1999	
		6,020,224		Shimogaichi et al.	02/01/2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		EP	1 049 144			11/02/2000		Eng.
		EP	0 651 431			05/03/1995		Eng.
		EP	0 886 319			12/23/1998		Eng.
		JP	2000-012484			01/14/2000		Abst.
		JP	2001-044120			02/16/2001		Abst.

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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				Application Number	10/815,813
				Filing Date	April 2, 2004
				First Named Inventor	Koichiro TANAKA et al.
				Group Art Unit	2814
				Examiner Name	A. Chambliss
Sheet	2	of	2	Attorney Docket Number	0756-7283

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,156,997		Yamazaki et al.	12/05/2000	
		6,242,292		Yamazaki et al.	06/05/2001	
		6,246,524		Tanaka	06/12/2001	
		6,248,606		Ino et al.	06/19/2001	
		6,380,009		Battersby	04/30/2002	
		6,423,585		Yamazaki et al.	07/23/2002	
		6,426,245		Kawasaki et al.	07/30/2002	
		6,451,631		Grigoropoulos et al.	09/17/2002	
		6,528,397		Taketomi et al.	03/04/2003	
		6,645,454		Voutsas	11/11/2003	
		6,700,096		Yamazaki et al.	03/02/2004	
		6,730,550		Yamazaki et al.	05/04/2004	
		6,806,498		Taketomi et al.	10/19/2004	
		6,884,699		Ogawa et al.	04/26/2005	
		6,897,166		Sotani et al.	05/24/2005	
		6,897,889		Tanaka	05/24/2005	
		6,927,109		Tanaka et al.	08/09/2005	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.